



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

Source

Date Processed by STIC:

10/797,393
IFW0
3/22/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

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- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT

MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221

Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER
VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE SEE BELOW FOR ADDRESS.

<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses.

1. EFS-Bio (<<http://www.uspto.gov/efb/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
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3. Hand Carry directly to (EFFECTIVE 12/01/03):
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Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03



IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/797,393

DATE: 03/22/2004

TIME: 10:13:32

Input Set : A:\01-SQ Listing-09 Mar 2004.txt

Output Set: N:\CRF4\03222004\J797393.raw

3 <110> APPLICANT: Olsen, Hans Sejr
 4 Pedersen, Sven
 5 Festersen, Rikke Monica
 7 <120> TITLE OF INVENTION: ALCOHOL PRODUCT PROCESSES
 9 <130> FILE REFERENCE: 10391.200-US
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/797,393
 C--> 11 <141> CURRENT FILING DATE: 2004-03-10
 E--> 11 <160> NUMBER OF SEQ ID NOS: 12 - Found 5
 13 <170> SOFTWARE: PatentIn version 3.2

ERRORED SEQUENCES

543 <210> SEQ ID NO: 5
 544 <211> LENGTH: 499
 545 <212> TYPE: PRT
 546 <213> ORGANISM: Aspergillus oryzae
 548 <400> SEQUENCE: 5
 550 Met Met Val Ala Trp Trp Ser Leu Phe Leu Tyr Gly Leu Gln Val Ala
 551 1 5 10 15
 554 Ala Pro Ala Leu Ala Ala Thr Pro Ala Asp Trp Arg Ser Gln Ser Ile
 555 20 25 30
 558 Tyr Phe Leu Leu Thr Asp Arg Phe Ala Arg Thr Asp Gly Ser Thr Thr
 559 35 40 45
 562 Ala Thr Cys Asn Thr Ala Asp Gln Lys Tyr Cys Gly Gly Thr Trp Gln
 563 50 55 60
 566 Gly Ile Ile Asp Lys Leu Asp Tyr Ile Gln Gly Met Gly Phe Thr Ala
 567 65 70 75 80
 570 Ile Trp Ile Thr Pro Val Thr Ala Gln Leu Pro Gln Thr Thr Ala Tyr
 571 85 90 95
 574 Gly Asp Ala Tyr His Gly Tyr Trp Gln Gln Asp Ile Tyr Ser Leu Asn
 575 100 105 110
 578 Glu Asn Tyr Gly Thr Ala Asp Asp Leu Lys Ala Leu Ser Ser Ala Leu
 579 115 120 125
 582 His Glu Arg Gly Met Tyr Leu Met Val Asp Val Val Ala Asn His Met
 583 130 135 140
 586 Gly Tyr Asp Gly Ala Gly Ser Ser Val Asp Tyr Ser Val Phe Lys Pro
 587 145 150 155 160
 590 Phe Ser Ser Gln Asp Tyr Phe His Pro Phe Cys Phe Ile Gln Asn Tyr
 591 165 170 175
 594 Glu Asp Gln Thr Gln Val Glu Asp Cys Trp Leu Gly Asp Asn Thr Val
 595 180 185 190
 598 Ser Leu Pro Asp Leu Asp Thr Thr Lys Asp Val Val Lys Asn Glu Trp

Does Not Comply
 Corrected Diskette Needed
 (Pg. 1-3)

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/797,393

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Input Set : A:\01-SQ Listing-09 Mar 2004.txt

Output Set: N:\CRF4\03222004\J797393.raw

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599          195          200          205
602 Tyr Asp Trp Val Gly Ser Leu Val Ser Asn Tyr Ser Ile Asp Gly Leu
603          210          215          220
606 Arg Ile Asp Thr Val Lys His Val Gln Lys Asp Phe Trp Pro Gly Tyr
607 225          230          235          240
610 Asn Lys Ala Ala Gly Val Tyr Cys Ile Gly Glu Val Leu Asp Gly Asp
611          245          250          255
614 Pro Ala Tyr Thr Cys Pro Tyr Gln Asn Val Met Asp Gly Val Leu Asn
615          260          265          270
618 Tyr Pro Ile Tyr Tyr Pro Leu Leu Asn Ala Phe Lys Ser Thr Ser Gly
619          275          280          285
622 Ser Met Asp Asp Leu Tyr Asn Met Ile Asn Thr Val Lys Ser Asp Cys
623          290          295          300
626 Pro Asp Ser Thr Leu Leu Gly Thr Phe Val Glu Asn His Asp Asn Pro
627 305          310          315          320
630 Arg Phe Ala Ser Tyr Thr Asn Asp Ile Ala Leu Ala Lys Asn Val Ala
631          325          330          335
634 Ala Phe Ile Ile Leu Asn Asp Gly Ile Pro Ile Ile Tyr Ala Gly Gln
635          340          345          350
638 Glu Gln His Tyr Ala Gly Gly Asn Asp Pro Ala Asn Arg Glu Ala Thr
639          355          360          365
642 Trp Leu Ser Gly Tyr Pro Thr Asp Ser Glu Leu Tyr Lys Leu Ile Ala
643          370          375          380
646 Ser Ala Asn Ala Ile Arg Asn Tyr Ala Ile Ser Lys Asp Thr Gly Phe
647 385          390          395          400
650 Val Thr Tyr Lys Asn Trp Pro Ile Tyr Lys Asp Asp Thr Thr Ile Ala
651          405          410          415
654 Met Arg Lys Gly Thr Asp Gly Ser Gln Ile Val Thr Ile Leu Ser Asn
655          420          425          430
658 Lys Gly Ala Ser Gly Asp Ser Tyr Thr Leu Ser Leu Ser Gly Ala Gly
659          435          440          445
662 Tyr Thr Ala Gly Gln Gln Leu Thr Glu Val Ile Gly Cys Thr Thr Val
663          450          455          460
666 Thr Val Gly Ser Asp Gly Asn Val Pro Val Pro Met Ala Gly Gly Leu
667 465          470          475          480
670 Pro Arg Val Leu Tyr Pro Thr Glu Lys Leu Ala Gly Ser Lys Ile Cys
671          485          490          495
674 Ser Ser Ser

```

E-->

681

①

delete

VERIFICATION SUMMARY

DATE: 03/22/2004

PATENT APPLICATION: US/10/797,393

TIME: 10:13:33

Input Set : A:\01-SQ Listing-09 Mar 2004.txt

Output Set: N:\CRF4\03222004\J797393.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application No

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:681 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:5 ✓

L:11 M:203 E: No. of Seq. differs, <160> Number Of Sequences: Input (12) Counted (5) ✓